
4. DISPLAY DEVICE

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INVENTOR(S)- KUWABARA, SOICHI

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PROBLEM TO BE SOLVED: To display different colors in accordance with driving voltage and driving time by utilizing electrophoretic particles.

SOLUTION: Electrophoretic particles 7 whose electrophoretic mobility varies according to color are incorporated into cyan, magenta and yellow or red, green and blue colored dispersion media 6B, 6G, 6R separately filled into microcapsules 5 forming a microcapsule layer 9. The electrophoretic particles dispersed in the colored dispersion media having mutually different colors have mutually different electrophoretic mobilities and different colors are displayed by applying electric fields different from each other in intensity, direction, application time or the like to the resulting display medium.